

Trees and Forests - A Colour Guide

Biology, Pathology, Propagation, Silviculture, Surgery, Biomes, Ecology, Conservation

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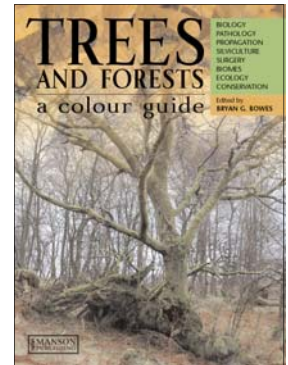
Description:

Trees are a dominant feature of life on earth, and yet are under severe threat. The aim of this timely volume is to gather together aspects of trees, forests, their development, environments and ecology that are usually considered separately. Chapters deal with various world habitats, ranging from northern coniferous forests to tropical rainforests. Topics include tree morphology, diseases and pests, forest ecology, management, surgery, propagation and conservation. Concise text is illustrated throughout by colour photos, diagrams and summary tables.

Trees - A Colour Guide is designed to appeal to professionals and students in plant science, plant biology, ecology and conservation, to those working in forestry and arboriculture and to interested non-specialist readers.

Contents:

Section 1: Introduction to Woody Habitat, Section 2: World Distribution of Forests. Northern boreal and montane coniferous forests, Temperate rain and deciduous forests, Temperate mixed evergreen forests, Tropical and subtropical rain and dry forests, Section 3: Tree Morphology, Anatomy and Histology, Section 4: Tree Pathology. Cell wall polymers and infection, The effect of fungal bacterial and viral pathogens on important plantation and forest trees, Insect or other infestations of important plantation and forest trees, Section 5: Forest Ecology and Management, Tree Surgery, Propagation and Conservation. General forest ecological processes, Silvicultural systems and management, Tree pruning and surgery, Tree propagation for forestry and arboriculture, Forest and woodland conservation.



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600 colour illustrations
15 tables
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Readership:

Professionals and students in plant science, plant biology, ecology, conservation, forestry and arboriculture.

Key Features:

- Includes ecology and conservation, tree anatomy and evolution, pathology, silviculture, propagation and surgery.
- Chapters cover trees from all different habitats around the world.
- Highest quality colour photos